



07-12-04

EPW

Kenneth A. Nelson
Registered Patent Attorney
Voice: 602-364-7280
KANELSON@BRYANCAVE.COM

July 9, 2004

VIA U.S. MAIL

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/649,997
Inventor: Mori, et al.
Title: Universal Serial Bus Hub and Method of Manufacturing Same
Attorney Docket No.: 0172097

Dear Sir/Madam:

Enclosed herewith for filing in the above-identified application are the following:

1. Information Disclosure Statement (12 pgs. + 102 references); and
2. Self-addressed, prepaid postcard to acknowledge receipt of documents.

Very truly yours,

Kenneth A. Nelson

KAN:mtr

Enclosure

Bryan Cave LLP
One Renaissance Square
Two North Central Avenue
Suite 2200
Phoenix, AZ 85004-4406
Tel (602) 364-7000
Fax (602) 364-7070
www.bryancave.com

Chicago
Hong Kong
Irvine
Jefferson City
Kansas City
Kuwait
Los Angeles
New York
Phoenix
Riyadh
Shanghai
St. Louis
United Arab Emirates (Dubai)
Washington, DC

*And Bryan Cave,
A Multinational Partnership,
London*

Commissioner for Patents

Serial No. 10/649,997

July 9, 2004

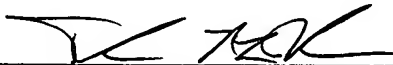
Page 2

Bryan Cave LLP

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.

I hereby certify that this document (and any as referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL853871258US** on **July 9, 2004** and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Printed Name: Thomas LeVance



Attorney Docket No. 0172097
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

MORI, et al.

Serial No.: 10/649,997

Filed: August 26, 2003

Title: Universal Serial Bus Hub and Method of Manufacturing Same

:
: Group Art Unit: 2181
:
: Examiner: Unknown
:
:

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is a completed Form PTO-1449 listing patents, publications, applications, or other information, with copies of each such item enclosed herewith. It is requested that the cited patents, publications, applications, or other information be made of record in the examination of this application. The filing of this information disclosure statement is not to be construed as an admission that the information cited in the statement is, or is considered to be, material to the patentability of the invention claimed in the above-identified application. No representation is made that a search has been performed.

This information disclosure statement is being filed (1) within three months of the filing date of a national application other than a continued prosecution application, (2) within three months of the date of entry of the national stage, (3) before the mailing of a first Office Action on the merits, or (4) before the mailing of a first Office Action after the filing of a request for continued examination. Accordingly, no fee is required. The commissioner is, however,

Title: Universal Serial Bus Hub and Method of Manufacturing Same
Serial No.: 10/649,997
Information Disclosure Statement

authorized to charge any fee deficiency required by this paper or credit any overpayment to
Deposit Account No. 02-4467.

Respectfully submitted,

Dated: July 9, 2004

By: Kenneth Nelson

Kenneth A. Nelson, Reg. No. 48,677
2 North Central Avenue, Suite 2200
Phoenix, Arizona 85004-4406
Telephone: (602) 364-7000
Facsimile: (602) 364-7070

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.

I hereby certify that this document (and any others referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL853871258US** on **July 9, 2004** and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Thomas LeVance
Printed Name: Thomas LeVance



Sheet 1 of 10

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO. 0172097	SERIAL NO. 10/649,997
PATENT AND TRADEMARK OFFICE		APPLICANT MORI et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE 8/26/03	GROUP
(Use several sheets if necessary)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D301,713	6/20/89	Bolan, et al.			
	D350,944	9/27/94	Shewmon, et al.			
	D355,416	2/14/95	McCay, et al.			
	D362,663	9/26/95	Nguyen			
	D365,333	12/19/95	Mihalik, et al.			
	D366,455	1/23/96	Cheng			
	D375,909	11/26/96	Dziersk, et al.			
	D379,972	6/17/97	Mihalik, et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
2000-163168	6/16/00	Japan			No
2000-231969	8/22/00	Japan			No
2000-311168	11/7/00	Japan			No
2001-102136	4/13/01	Japan			No
2350032	11/15/00	Gr. Britain			

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Belkin Catalog; Hi-speed USB 2.0 4-Port Hub; 8/25/2003; [http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&Product_Id=107432]
--	---

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO. 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D391,944	3/10/98	Han			
	D392,147	3/17/98	Gervais, et al.			
	D393,451	4/14/98	Faranda, et al.			
	D408,012	4/13/99	Brownlie			
	D411,989	7/13/99	Grossman, et al.			
	D412,322	7/27/99	Wu			
	D412,494	8/3/99	Tamaki, et al.			
	D413,893	9/14/99	Luzbetak, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Belkin Catalog; USB 4-Port Hub; 8/25/2003; [http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&Product_Id=20906]
	Internet: Belkin Catalog; USB 7-Port Hub; 8/25/2003; [http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&Product_Id=121417]
	Internet: Netgear; Model FS605 5-Port Fast Ethernet Switch; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=130&view=]
	Internet: Netgear; Model FS608 8 Port 10/100 Switch; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=132&view=]

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)



Sheet 3 of 10

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO. 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D415,741	10/26/99	Lee, et al.			
	D416,559	11/16/99	Hoyt, et al.			
	D419,978	2/1/00	Mah			
	D421,962	3/28/00	Varga			
	D422,267	4/4/00	Richards			
	D423,010	4/18/00	Wicks			
	D425,866	5/30/00	Nagasawa, et al.			
	D435,558	12/26/00	Tong, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear; Model CG814M Wireless Cable Modem Gateway; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=160&view=]
	Internet: Netgear; Model WGR614 Cable/DSL Wireless Router 54 Mbps/2.4 GHz; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=174&view=]
	Internet: Netgear; Model MR814 802.11b Cable/DSL Wireless Router; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=151&view=]
	Internet: Netgear; Model WGT624 108 Mbps Wireless Firewall Router; [http://www.netgear.com/products/prod_details.asp?prodID=214&view=]
	Internet: Netgear; Model WGR614 Cable/DSL Wireless Router 54 Mbps/2.4 GHz; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=174&view=]

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
	APPLICANT MORI, ET AL.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D436,109	6/9/01	Tong, et al.			
	D444,462	7/3/01	Tsuji			
	D450,686	11/20/01	Beaumont, et al.			
	Re. 35,915	10/6/98	Hastings, et al.			
	3,990,763	11/9/76	Kress			
	4,119,359	10/10/78	Schultz			
	4,401,351	8/30/83	Record			
	4,501,460	2/26/85	Sisler			
	4,558,914	12/17/85	Prager, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model WG602 54 Mbps Wireless Access Point; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=170&view=]
	Internet: Netgear Model ME101 Wireless Ethernet Bridge; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=175&view=]
	Internet: Netgear Model WGT624 108 Mbps Wireless Firewall Router; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=214&view=]
	Internet: Netgear Model CG814M Wireless Cable Modem Gateway; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=160&view=]

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,688,864	8/25/87	Sorel			
	4,845,589	7/4/89	Weidler, et al.			
	4,850,485	7/25/89	Ishikawa			
	5,030,128	7/9/91	Herron, et al.			
	5,247,406	9/21/93	Apple, at al.			
	5,333,097	7/26/94	Christensen, et al.			
	5,336,102	8/9/94	Cairns, et al.			
	5,358,420	10/25/94	Cairns, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model MR814 802.11b Cable/DSL Wireless Router; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=151&view=]
	Internet: Netgear Model DG824M Wireless ADSL Modem Gateway with 4-port 10/100 Mbps Switch; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=165&view=]
	Internet: Netgear Model RP614 4-Port Cable/DSL Router with 10/100 Mbps Switch; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=131&view=]
	Internet: Netgear Model DG814 DSL Modem Internet Gateway; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=136&view=]

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,381,315	1/10/95	Hamaguchi, et al.			
	5,440,181	8/8/95	Gruender, Jr. et al.			
	5,483,419	1/9/96	Kaczeus, Sr., et al.			
	5,498,174	3/12/96	Speer, et al.			
	5,515,239	5/7/96	Kamerman, et al.			
	5,586,002	12/17/96	Notarianni			
	5,591,048	1/7/97	Hahn			
	5,604,662	2/18/97	Anderson, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model CM212 Broadband Cable Modem; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=164&view=]
	Internet: Netgear Model DG824M Wireless ADSL Modem Gateway with 4-port 10/100 Mbps Switch; [http://www.netgear.com/products/prod_details.asp?prodID=165&view=]
	Internet: Netgear Model DM602 ADSL Modem; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=171&view=]

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,621,890	4/15/97	Notarianni, et al.			
	5,645,434	7/8/97	Leung			
	5,673,172	9/30/97	Hastings, et al.			
	5,692,400	12/2/97	Bliven, et al.			
	5,700,159	12/23/97	Albeck			
	5,706,179	1/6/98	Palatov			
	5,726,922	3/10/98	Womble, et al.			
	5,737,189	4/7/98	Kammersgard, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
	APPLICANT MORI, et al.	
	FILING DATE August 26, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,777,845	7/7/98	Krum, et al.			
	5,822,184	10/13/98	Rabinovitz			
	5,825,618	10/20/98	Schnoor, et al.			
	5,835,353	11/10/98	Dalby			
	5,871,368	2/16/99	Erdner, et al.			
	5,875,094	2/23/99	Kirkendoll			
	5,896,273	4/20/99	Varghese, et al.			
	5,938,473	8/17/99	Nishio, et al.			
	6,018,456	1/25/00	Young, et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO. 0172097	SERIAL NO 10/649,997
PATENT AND TRADEMARK OFFICE		APPLICANT MORI et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE August 26, 2003	GROUP
(Use several sheets if necessary)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,047,572	4/11/00	Bliven, et al.			
	6,050,849	4/18/00	Chang			
	Reexamination Certificate (4784 th) for Pat. No. 6,052,278	5/20/03	Tanzer, et al.			
	6,052,278	4/18/00	Tanzer, et al.			
	6,073,188	6/6/00	Fleming			
	6,076,142	6/13/00	Corrington, et al.			
	6,098,131	8/1/00	Unger, et al.			
	6,108,198	8/22/00	Lin			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.:		SERIAL NO
	0172097		10/649,997
	APPLICANT		
	MORI, et al.		
	FILING DATE		GROUP
	August 26, 2003		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,141,221	10/31/00	Tong, et al.			
	6,147,859	11/14/00	Abboud			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)